

WHAT IS CLAIMED IS

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1. A file creation method which creates a program-addition file for adding a program to a program-initiation recording medium of an information processing apparatus, comprising the steps of:

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acquiring identification information of the program-initiation recording medium; and

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creating a program-addition file in response to the identification information so that starting of the program on the information processing apparatus is allowed by the program-addition file with the program stored in the program-initiation recording medium.

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2. A file creation method according to claim 1 further comprising the step of transmitting the program-addition file to the information processing apparatus via a network.

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3. A file creation method according to claim 1 further comprising the step of storing the program-addition file in a program-addition recording medium which is used for the addition of the program to the program-initiation recording medium.

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4. A file creation method according to claim 1 wherein,
10 in the acquiring step, the identification information is acquired from a predetermined information provider device.

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5. A file creation method according to claim 1 wherein the program-addition file comprises a program file, an electronic signature of the program file, a configuration file, and an electronic signature of the configuration file, so that starting of the program on
20 the information processing apparatus is allowed by the program-addition file with the program stored in the program-initiation recording medium.

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6. A file creation method according to claim 5 wherein the creating step comprises:

acquiring the program file, the electronic signature of the program file, and the configuration file; and

5 creating a second electronic signature of the configuration file based on the identification information of the program-initiation recording medium and the acquired configuration file.

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7. A file creation method according to claim 6 wherein the program file, the electronic signature of the program file, and
15 the configuration file are acquired from a predetermined information provider device.

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8. A server which creates a program-addition file for adding a program to a program-initiation recording medium of an information processing apparatus, comprising:

 an identification-information acquisition unit acquiring
25 identification information of the program-initiation recording

medium; and

a file creation unit creating a program-addition file in response to the identification information, so that starting of the program on the information processing apparatus is allowed by the program-addition file with the program stored in the program-initiation recording medium.

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9. A server according to claim 8 further comprising a file transmitting unit transmitting the program-addition file to the information processing apparatus via a network.

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10. A server according to claim 8 further comprising a file transmitting unit transmitting the program-addition file to a computer terminal in which the program-addition file is stored in a program-addition recording medium.

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11. A server according to claim 8 wherein the program-
addition file comprises a program file, an electronic signature of the
program file, a configuration file, and an electronic signature of the
configuration file, so that starting of the program on the information
5 processing apparatus is allowed by the program-addition file with
the program stored in the program-initiation recording medium.

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12. A computer terminal which stores a program-
addition file in a program-addition recording medium, the program-
addition file being used to add a program to a program-initiation
recording medium of an information processing apparatus, the
15 computer terminal comprising:

an information transmitting unit transmitting, to a
server, information required to acquire identification information of
the program-initiation recording medium;

a file receiving unit receiving, from the server, a
20 program-addition file which is created by the server in response to
the identification information so that starting of the program on the
information processing apparatus is allowed by the program-addition
file with the program stored in the program-initiation recording
medium; and

25 a file storing unit storing the received program-addition

file into the program-addition recording medium.

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13. A computer terminal according to claim 12 wherein the program-addition file comprises a program file, an electronic signature of the program file, a configuration file, and an electronic signature of the configuration file, so that starting of the program on the information processing apparatus is allowed by the program-addition file with the program stored in the program-initiation recording medium.

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14. A computer-readable recording medium storing a program embodied therein for causing a computer to execute a file creation method which creates a program-addition file for adding a program to a program-initiation recording medium of an information processing apparatus, the file creation method comprising:

acquiring identification information of the program-initiation recording medium; and

creating a program-addition file in response to the identification information so that starting of the program on the

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information processing apparatus is allowed by the program-addition
file with the program stored in the program-initiation recording
medium.

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15. A computer-readable recording medium according to
claim 14 wherein the program-addition file comprises a program file,
10 an electronic signature of the program file, a configuration file, and
an electronic signature of the configuration file, so that starting of
the program on the information processing apparatus is allowed by
the program-addition file with the program stored in the program-
initiation recording medium.

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16. An information processing apparatus which adds a
20 program to a program-initiation recording medium by using a
program-addition recording medium in which a program-addition file
for adding the program to the program-initiation recording medium
is stored, the information processing apparatus comprising:

a recording-medium detection unit detecting the
25 program-addition recording medium in which the program-addition

file is recorded; and

a program addition unit performing an authentication
check of the program-addition file read from the program-addition
recording medium, and adding the program to the program-initiation
5 recording medium according to a result of the authentication check.

10 17. An information processing apparatus according to
claim 16 wherein, when there are two or more program-initiation
recording mediums, the program addition unit displays a screen to
select one of the program-initiation recording mediums, and adds the
program to the selected program-initiation recording medium.

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18. An information processing apparatus according to
20 claim 16 wherein the program-addition file comprises a program file,
an electronic signature of the program file, a configuration file, and
an electronic signature of the configuration file, so that starting of
the program on the information processing apparatus is allowed by
the program-addition file with the program stored in the program-
25 initiation recording medium.

19. A program addition system comprising:

a server which creates a program-addition file for being
stored in a program-addition recording medium; and

5 an information processing apparatus which adds a
program to a program-initiation recording medium by using the
program-addition recording medium,

wherein the server is configured to acquire
identification information of the program-initiation recording
medium, and to create a program-addition file in response to the
10 identification information, so that starting of the program on the
information processing apparatus is allowed by the program-addition
file with the program stored in the program-initiation recording
medium,

wherein the information processing apparatus is
15 configured to detect the program-addition recording medium in
which the program-addition file is recorded, to perform an
authentication check of the program-addition file read from the
program-addition recording medium, and to add the program to the
program-initiation recording medium according to a result of the
20 authentication check.

25 20. A program addition system comprising:

a server which creates a program-addition file for being stored in a program-addition recording medium; and

an information processing apparatus which adds a program to a program-initiation recording medium by using the program-addition recording medium,

wherein the server is configured to acquire identification information of the program-initiation recording medium, and to create a program-addition file in response to the identification information, so that starting of the program on the information processing apparatus is allowed by the program-addition file with the program stored in the program-initiation recording medium,

wherein the information processing apparatus is configured to receive the program-addition file from the server, to perform an authentication check of the received program-addition file, and to add the program to the program-initiation recording medium according to a result of the authentication check.

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21. A program addition system according to claim 19 wherein the program-addition file comprises a program file, an electronic signature of the program file, a configuration file, and an electronic signature of the configuration file, so that starting of the

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program on the information processing apparatus is allowed by the
program-addition file with the program stored in the program-
initiation recording medium.

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